



Complete Listing of all the Claims

Claim submitted September 11, 2003

Claims

1. (original) A system, a computer program, methodology and procedure that extracts root products and transforms that to a generic product. The methodology contains:
 - means for building taxonomy for manufacturing stages at all levels;
 - means for identifying the manufacturing stages by generating taxonomy of manufacturing processes based on the value-added;
 - means identifying root products in a manufacturing sector
 - means for developing generic specifications for root products;
 - means for analyzing these products comprising selection criteria for commodity-like classification.
2. (original) The system of claim 1, wherein the construction of tree-like products in a manufacturing sector, comprising an application of Pareto's Distribution Law is devised, wherein the branches of tree trunk are systematically developed
3. (original) The system of claim 2, wherein every branch is analyzed based on value-added for discovery of next branch comprising an application of Pareto's Distribution Law (80/20). This process repeats itself until all branches are discovered.
4. (original) The system of claim 3, comprising the means of extracting root products of branches at all stages.
5. (original) The system of claim 3, wherein a procedure, a computer program for compiling specifications for branch and root product is devised. The system further comprising of compiling information on producers and suppliers of products
6. (original) The system of claim 1, wherein a procedure for determining the relative strength of products at all branch levels, by applying Pareto's distribution Law, is measured.
7. (original) The system of claim 4, wherein a procedure comprising an application of Pareto's Distribution Law (80/20) identifies the key root products for key branches

8. (original) The system of claim 7, wherein a procedure, a computer program stores all relevant specifications of key root and branch products.
9. (original) The system of claim 8, wherein a procedure, a computer program compares and selects the branch and root products with a similar to common specification.
10. (original) The system of claim 9, wherein the common specification of key root products are homogenized to produce a generic specification
11. (original) The system of claim 7, wherein a procedure, a computer program updates the stored specifications. The system further comprising an update for generic specifications of root and branch products.
12. (original) The system of claim 7, wherein a procedure collects, and updates branches and root products pricing data in real time.
13. (original) The system of claim 7, comprises an application of Pareto's Distribution Law for selecting key root products critical properties. Such properties contain information about the shelf life of root products and branches ranging from product maturity to obsolescence.
14. (original) A system, a computer program, methodology and procedure for attaching a continuously updated generic specification to a key root product in manufacturing.
15. (original) System of claim 14, wherein the key root product with the attached generic specification comprises a generic product.

B) Claims submitted July 7, 2008 in response to OA March 20, 2008

1. (amended) A system; ~~a computer program~~, methodology and procedure that extracts root products and transforms that to a generic product. The methodology contains:
 - Means for building taxonomy for manufacturing stages at all levels
 - means for identifying the manufacturing stages by generating taxonomy of manufacturing processes where said stage is based on the a value-added;
 - means for identifying root products in a manufacturing sector;
 - means for developing generic specifications for ~~root~~ products;
 - means for analyzing these products comprising selection criteria for its extraction.
 - ~~for commodity-like classification.~~

2. (amended) The system of claim 1, wherein ~~the~~ said value added stages ~~construction of tree-like products~~, in a manufacturing sector, comprising an application of Pareto's Distribution Law, is devised wherein ~~a the branches of tree trunk~~ sector products are systematically developed.
3. (amended) The system of claim 2, wherein said sector products ~~every branch is analyzed based on value added for manufacturing process discovery of next branch comprising an application of Pareto's Distribution Law~~, are identified. ~~This process repeats itself until all branches are discovered.~~
4. (amended) The system of claim 3, 1, wherein said product ~~comprising a the means of extracting root~~ is identified ~~products of branches at all stages~~ by continued extraction of sector products.
5. (amended) The system of claim 1 3, wherein said generic specification ~~a procedure, a computer program for~~ is developed by compiling and unifying specifications for ~~branch and root~~ product, is devised, further compiling ~~The system further comprising of compiling information on producers and suppliers. of products~~
6. (amended) The system of claim 3 4, wherein a procedure measures ~~for determining~~ the relative market strength of said sector products ~~at all branch levels~~, by applying Pareto's distribution Law. ~~; is evaluated measured.~~
7. (amended) The system of claim 6, 4, wherein a procedure comprising an application of Pareto's Distribution Law ~~(80/20)~~ identifies said market strength of ~~the key~~ products and root products. ~~for key branches~~
8. (amended) ~~The system of claim 7, wherein~~ A procedure , ~~a computer program~~ stores wherein all relevant specifications of ~~key root and branch~~ all products is stored.
9. (amended) The system of claim 5 8, wherein a procedure, ~~a computer program~~ compares, and selects ~~the branch and root~~ said products with a similar to common specification .
10. (amended) The system of claim 9, wherein ~~the~~ said common specification of ~~key~~ root products are homogenized to produce a generic specification
11. (amended) The system of claim 8 7, wherein a procedure, ~~a computer program~~ frequently updates ~~the all~~ said stored ~~and~~ specifications. , ~~The system further comprising an update for generic specifications for of root and branch products.~~

12. (amended) The system of claim 7, wherein a procedure collects, and updates ~~branches~~ products and root products pricing data in real time.
13. (amended) The system of claim ~~5~~ 7, ~~comprises an application of Pareto's Distribution Law for selecting key root products critical properties. Such properties contain~~ wherein said information includes ~~about the shelf life of products and root products and branches ranging from product maturity to~~ obsolescence.
14. (amended) A system, ~~a computer program, methodology and procedure for attaching a continuously updated generic specification to a key root product pricing in manufacturing.~~
15. (amended) System of claim 14, wherein the ~~key-root~~ product with the attached generic specification comprises a generic product.

C) Claims submitted July 28, 2008 in response to OA 7/24/2008

1. (amended twice) A system, ~~a computer program, methodology and procedure that extracts root products and transforms that to a generic product, containing~~ The methodology contains:
 - Means for building taxonomy for manufacturing ~~stages~~ sectors ~~at all levels~~;
 - means for ~~identifying the manufacturing stages by~~ generating taxonomy of sector products ~~processes~~ based on Pareto's Distribution Law ~~the value-added~~;
 - means for ~~identifying~~ extracting root products in a manufacturing sector
 - means for developing generic specifications for root products;
 - means for ~~analyzing these~~ compiling products ~~comprising respective~~ pricing and marketing information; ~~selection criteria for commodity-like classification.~~
 - means for storing, comparing, unifying and updating product specifications.
2. (amended twice) The system of claim 1, wherein ~~the construction of tree-like products, in a~~ said taxonomy for manufacturing sector, ~~comprising an application of Pareto's Distribution Law, is devised wherein a the branches of tree trunk~~ allows products to be ~~are~~ systematically grouped based on manufacturing process.
3. (amended twice) The system of claim 2, wherein said group of products are further detailed to identify sub-group products ~~every branch is analyzed based on value-added for manufacturing process discovery of next branch comprising an application of Pareto's Distribution Law, are identified. This process repeats itself until all branches are discovered.~~

4. (amended twice) The system of claim 3; wherein said subgroup of products ~~comprising a the means of extracting root~~ are ~~products of branches at all stages~~ repeatedly detailed until root products are identified.
5. (amended twice) The system of claim 1 3, wherein said generic specification ~~a procedure, a computer program for~~ consists of compiling specifications for branch and root products , ~~is devised,~~ including ~~The system further comprising of compiling information on producers and suppliers of products~~
6. (amended twice) The system of claim 1, wherein said market demand ~~for determining the relative strength of~~ for sector products is evaluated ~~at all branch levels,~~ by applying Pareto's distribution Law; ~~is evaluated measured.~~
7. (amended twice) The system of claim 6, 4; wherein a procedure ~~comprising an application of Pareto's Distribution Law (80/20)~~ identifies determines market share of the key root products. ~~for key branches~~
8. (amended twice) The system of claim 1, ~~wherein A procedure, a computer program stores~~ wherein all relevant specifications of key root and branch products are stored.
9. (amended twice) The system of claim 8, wherein ~~A procedure, a computer program~~ a procedure compares and selects ~~the branch and root~~ products with a similar to common specifications .
10. (amended twice) The system of claim 9, wherein the ~~common~~ specification of key root products are ~~homogenized~~ unified to produce a generic specification
11. (amended twice) The system of claim 8, wherein a procedure, ~~a computer program updates the all updates stored and all specifications. , The system further comprising an update for generic specifications for of root and branch products.~~
12. (amended twice) The system of claim 1, wherein a procedure collects, stores and updates ~~branches and root products pricing data. in real time.~~
13. (amended twice) The system of claim 5 7, ~~comprises an application of Pareto's Distribution Law for selecting key root products critical properties. Such properties contain~~ wherein said information includes about the shelf life of root products and branches ranging from product maturity to product manufacturing date. ~~obsolescence.~~

14. (amended twice) ~~The system of claim 1 wherein, a computer program, methodology and procedure for attaching a continuously updated generic specification is attached to a key-root product pricing in manufacturing..~~
15. (amended once) System of claim 14, wherein the key-root product with the attached generic specification comprises a generic product.

D) Clean sheet of last set of claims (C) Submitted in response to OA July 2, 2009 without any changes:

1. (amended twice) A system methodology and procedure that extracts root products and transforms that to a generic product, containing:
 - Means for building taxonomy for manufacturing sectors;
 - means for generating taxonomy of sector products based on Pareto's Distribution Law;
 - means for extracting root products in a manufacturing sector
 - means for developing generic specifications for root products;
 - means for compiling products pricing and marketing information;
 - means for storing, comparing, unifying and updating product specifications.
2. (amended twice) the system of claim 1, wherein said taxonomy for manufacturing sector, allows products to be systematically grouped based on manufacturing process.
3. (amended twice) The system of claim 2, wherein said group of products are further detailed to identify sub-group products.
4. (amended twice) The system of claim 3, wherein said subgroup of products are repeatedly detailed until root products are identified.
5. (amended twice) The system of claim 1, wherein said generic specification consists of compiling specifications for products, including information on producers and suppliers of products.

6. (amended twice) The system of claim 1, wherein said market demand for sector products is evaluated by applying Pareto's distribution Law..
7. (amended twice) The system of claim 6, wherein a procedure determines market share of products.
8. (amended twice) The system of claim 1, wherein all relevant specifications of products are stored.
9. (amended twice) The system of claim 8, wherein a procedure compares and selects products with similar specifications .
10. (amended twice) The system of claim 9, wherein the specification of root products are unified to produce a generic specification
11. (amended twice) The system of claim 8, wherein a procedure, updates all specifications.
12. (amended twice) The system of claim 1, wherein a procedure collects, stores and updates products pricing data.
13. (amended twice) The system of claim 5 wherein said information includes product manufactured date.
14. (amended twice) The system of claim 1 wherein, updated specification is attached to product pricing.
15. (amended once) System of claim 14, wherein the -root product with the attached generic specification comprises a generic product.